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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/514,158	02/28/2000	Mitsuru Takayasu	000229	9227

23850 7590 10/30/2002

ARMSTRONG, WESTERMAN & HATTORI, LLP  
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[REDACTED] EXAMINER

ST CYR, DANIEL

ART UNIT	PAPER NUMBER
2876	

DATE MAILED: 10/30/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/514,158	TAKAYASU, MITSURU
	<b>Examiner</b>	<b>Art Unit</b>
	Daniel St.Cyr	2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 04 September 2002.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-11 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-11 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                  | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)         | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ | 6) <input type="checkbox"/> Other: _____                                    |

### DETAILED ACTION

1. Receipt is acknowledged of the amendment filed 9/4/02.

#### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okaya et al, US Patent No. 5,625,534 in view of Masataka et al, JP Patent No. 62-203,264.

Okaya et al, disclose a portable computer having a data reader apparatus associated therewith comprising: a personal computer 10 having a chassis 12 with an exterior wall 14, the personal computer 10 contains data processing circuitry (not shown) for processing data recorded on a data card. The exterior wall 14 has a data card opening 16 formed therein, which is preferably a PCMCIA aperture configured to receive a conventional PCMCIA card or a data card 18 therethrough. As used herein, the data card 18 is a unitary substrate on which is located information that is in either magnetic readable or optical readable form. Such data cards are designed to be passed across a reading form in a substantially linear motion as opposed to conventional rotation motion associated with rotatable floppy, Winchester, or optical disks. (see figure 1; col. 6, line 61+).

Okaya et al fail to disclose or fairly suggest the steps of performing a self-diagnosis when a card is present in the reader and normal processing function when no card is present is present in the reader, wherein the result of the diagnosis is displayed.

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Masataka et al disclose a transaction information processor comprising: a control section 26A being a control means provided to a transaction equipment has function of self-diagnosis to detect occurrence of a fault if the fault takes place in the card processing mechanisms section 24A; a slip mechanism section 224B; an outgoing paper note mechanism section 25; an operation guide display (see figures 1 and 2).

In view of Masataka et al's teachings, it would have been obvious for a person of ordinary skill in the art at the time the invention was made to modify the system of Okaya et al to provide a control system that could detect the presence of cards into the system wherein once a card is detected, self-diagnosis is performed to determine what type of card and to take appropriate action. Such modification would enhance the system capability and provide guidance to operators during the system operation which would make the system operates more effectively. Therefore, it would have been an obvious extension as taught by Okaya et al.

as

***Response to Arguments***

4. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Niwata et al, US Patent No 6,070,794, disclose a card unit processing apparatus.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel St.Cyr whose telephone number is 703-305-2656. The examiner can normally be reached on Mon-Fri.

Art Unit: 2876

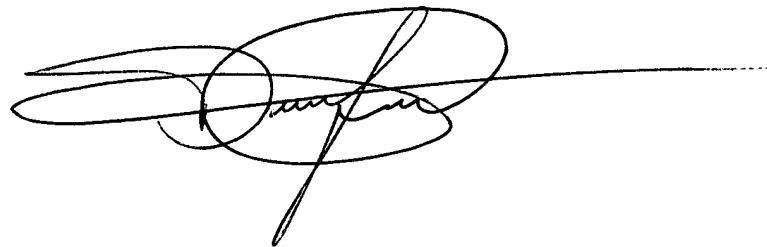
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G Lee can be reached on 703-305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-7721 for regular communications and 703-308-7724 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Daniel St.Cyr  
Examiner  
Art Unit 2876

DS

October 28, 2002

A handwritten signature in black ink, appearing to read "Daniel St.Cyr", is written over a horizontal line. The signature is fluid and cursive, with a large loop at the top and several smaller loops and lines extending downwards and to the right.